



The U.S. Department of Energy’s Federal Energy Management Program (FEMP) works to accomplish energy changes within federal agencies to meet energy-related goals. The Corps of Engineers’ Reduction and Abridge FEMP Tool (CRAFT) data is used to establish an energy and water consumption baseline for Corps projects and track current usage to ultimately achieve a 23% reduction in energy and water consumption by the year 2020. The Corps of Engineers’ Headquarters has set aside a portion of the civil works operations and maintenance budget to fund initial costs of installing sustainability projects that will result in energy savings to achieve the reduction goals.

Sustainability Projects:

In 2011, the Assistant Secretary of the Army (Civil Works) developed a Sustainability Plan forecasting into the year 2020. Beginning in 2012, the Corps of Engineers’ Headquarters set aside a portion of funds for sustainability projects that will result in energy savings to achieve the 23% reduction goals. Kansas City District Project Offices have identified fuel consumption factors for administrative offices, maintenance buildings and project owned vehicles. These factors will be taken into account to reach the ultimate goal. In FY 2012, just over one million dollars was allotted for 23 separate sustainability projects at 9 Project Offices. These projects ranged from HVAC and lighting upgrades to new windows and doors. The District expects to complete additional sustainability projects in FY14 including installation of a wind turbine at Wilson Lake. The district also submitted 19 additional sustainability projects to be considered for funding in fiscal year 2015.

Additional Efforts:

The Kansas City District’s Operations Division volunteered for, and was chosen, to complete a pilot study on Energy Savings Performance Contracts (ESPC) for small facilities. Currently, Melvern and Harlan County Lakes are working with the Corps of Engineers’ Headquarters, FEMP and the Huntsville Center on the ESPC ENABLE program to plan to invest in improvements to lighting, water and controls to save long term utility costs. Results from this pilot will help other districts across the Corps better plan for use of this type of contract.

Key Messages	Facts & Figures
<ul style="list-style-type: none"> ● The Corps uses a web-based CRAFT system to track energy and water usage ● Federal Agencies are required by Executive Order to reduce energy consumption by 23% by year 2020 ● The district volunteered to complete a pilot study on Energy Savings Performance Contracts and are looking at other create ways to meet energy reduction goals 	<ul style="list-style-type: none"> ● The sustainability goal is to achieve a 23% reduction in energy and water consumption by 2020 ● Over \$1M was received in FY12 for 23 separate sustainable projects at 9 Project Offices ● The district has submitted 19 additional projects for funding consideration in FY15